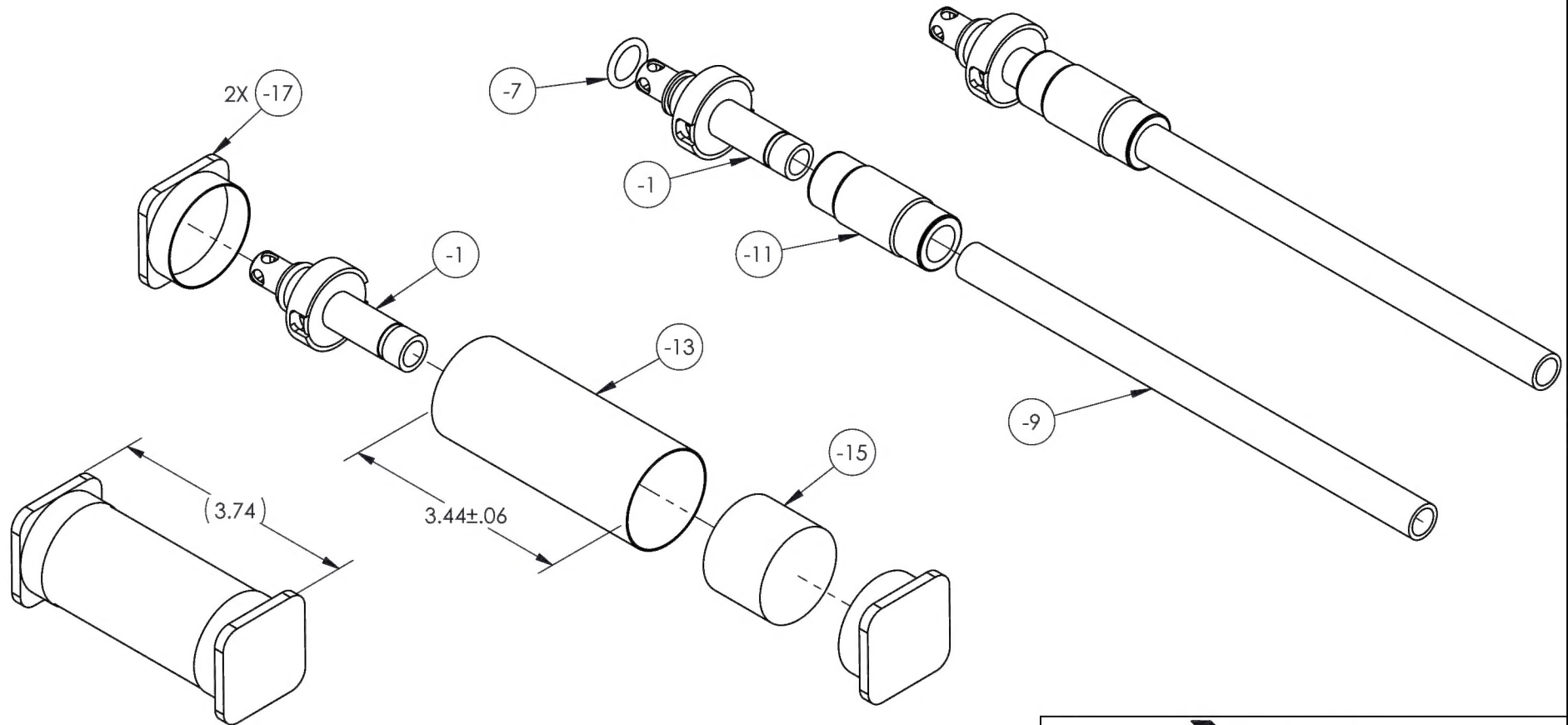


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	

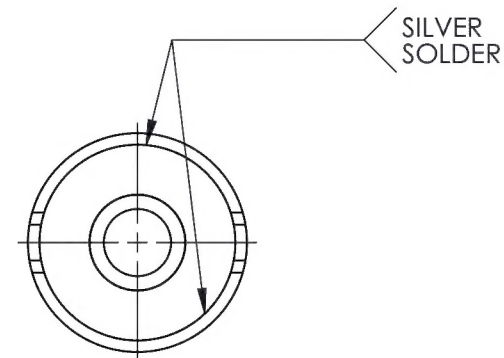
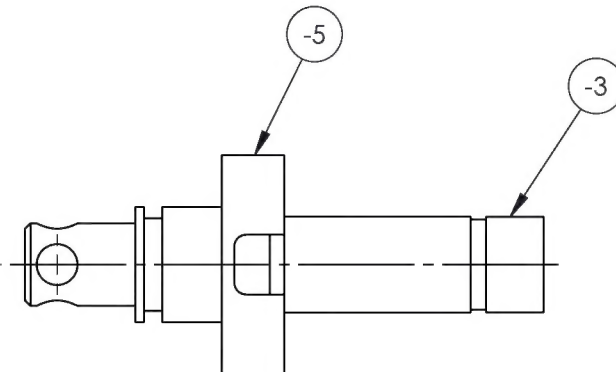
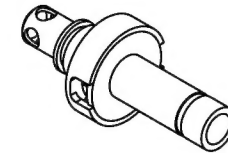


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
	1		-3		QUILL	303 S.S.		3
	1		-5		CAP	303 S.S.		4
		B/O	-7	1	O-RING	VITON	Ø2.4 mm X 12.3 mm ID MCMaster-CARR #9263K678	1
		B/O	-9	1	HOSE	VINYL	Ø1/2 O.D. x Ø3/8 I.D. x 6ft KURI-TECH #K010-0608	1
		B/O	-11	1	COUPLING	NICKEL-PLATED BRASS	Ø1/2 MCMaster-CARR #51495K116	1
		B/O	-13	1	TUBE	POLYETHYLENE	Ø1.36 MCMaster-CARR #2044T48	1
		B/O	-15	1	FOAM	POLYESTER\POLYURETHANE	Ø1.35 X 1 MCMaster-CARR #NEW PIG CORP. #PAD210	1
		B/O	-17	2	CAP	VINYL	Ø1.36 MCMaster-CARR #2044T68	1
	ASSY -1							

DART AEROSPACE	
TITLE ENGINE DRAIN TOOL	
DWG NO. RBEB13990	
REV	
MAT'L	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
APPROVED <i>J Gilbert</i>	
HEAT TREAT	
FINISH	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	
EC 135	
SCALE 1:2	DATE 11/28/2014
SHEET 1 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

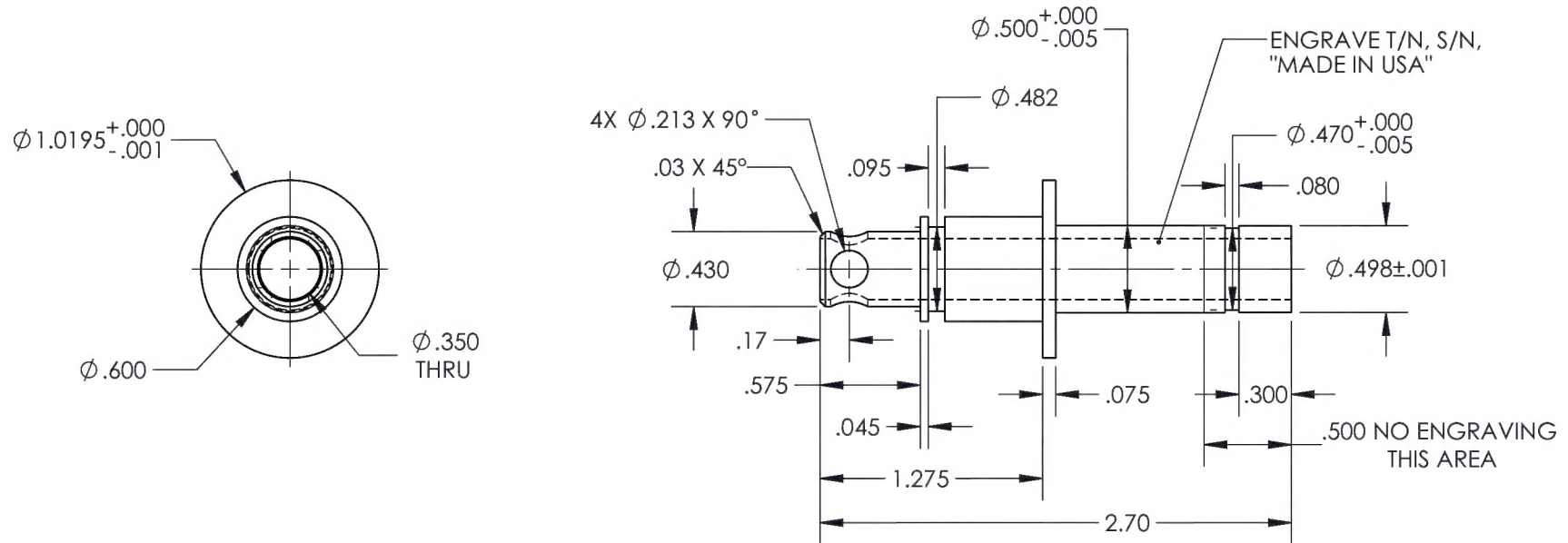
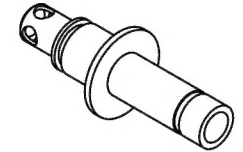


(-1)
WELDMENT

DART AEROSPACE	
TITLE ENGINE DRAIN TOOL	
DWG NO. RBEB13990-1	REV
MAT'L	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	EC135
SCALE 1:2	DATE 11/26/2014
	SHEET 2 OF 4

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

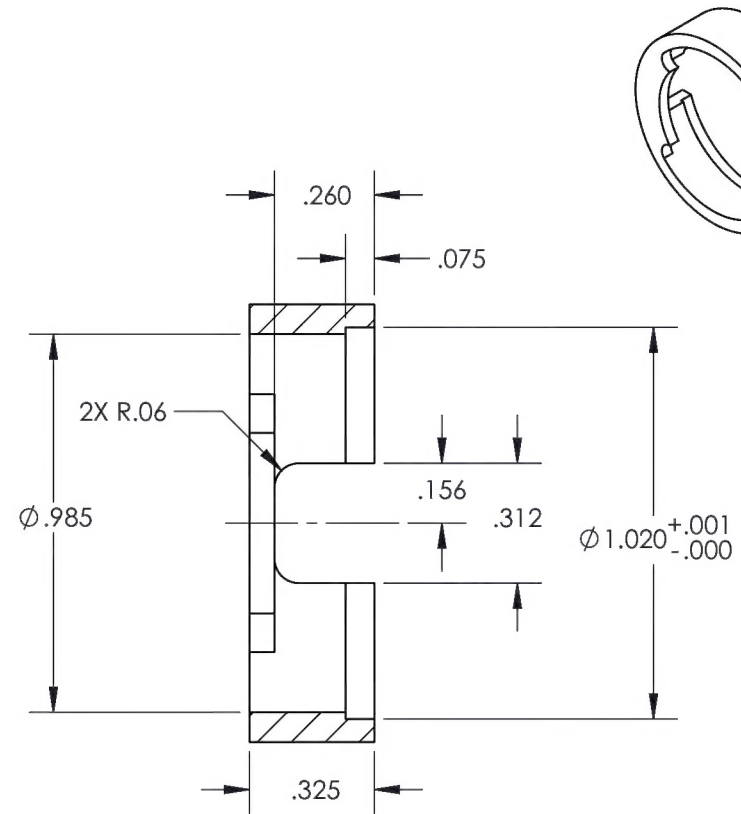
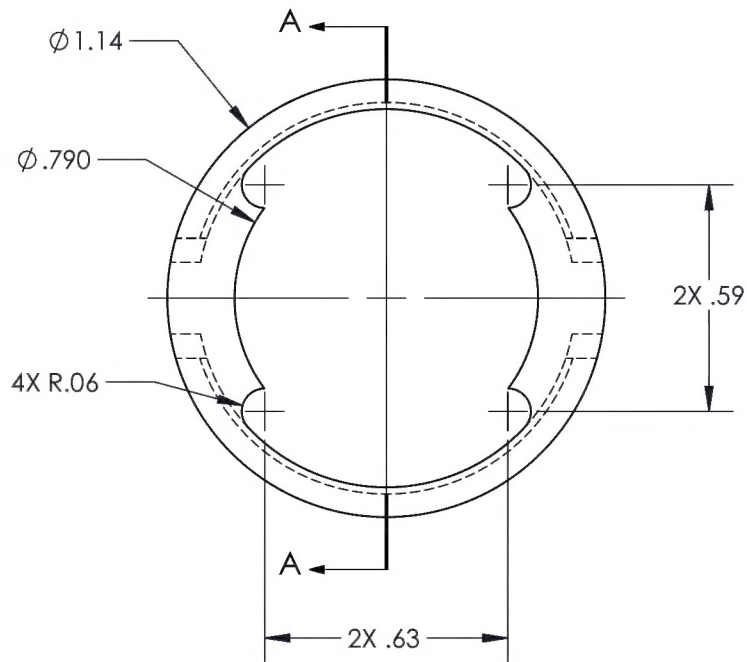


(-3)
QUILL

DART AEROSPACE	
TITLE ENGINE DRAIN TOOL	
DWG NO. RBEB13990-3	REV
MAT'L 303 S.S.	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX $\pm .005$	HEAT
.XX $\pm .01$	TREAT
.X $\pm .1$	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:2	EC135
DATE 11/26/2014	SHEET 3 OF 4

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A

(-5)

CAP

DART AEROSPACE	
TITLE ENGINE DRAIN TOOL	
DWG NO. RBEB13990-5	REV
MAT'L 303 S.S.	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 2:1	DATE 11/26/2014
SHEET 4 OF 4	